**Electronic telephone exchanges in the country**

386. SHRI K. RAHMAN KHAN: Will the Minister of COMMUNICATIONS be pleased to state:

(a) the total number of electronic exchanges set up in the country during 1992-93, 1993-94 and 1994-95;

(b) how many electronic exchanges out of them have been installed by the Indian Telephone Industries Limited (ITI); and

(c) how many have been installed by foreign and local firms and the names of such firms, the amounts of order placed with them for 1992-93, 1993-94 and 1994-95?

THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS (SHRI SUKH RAM): (a)

| Year | No. of Exchanges |
|---|---|
| 1992-93 . . . | 5294 |
| 1993-94 . | 3615 |
| 1994-95 (Upto 9/94) . . . | 758 |

(b) Eighteen

(c) Electronics exchanges installed by foreign firms;

1. M/s. Seimens, Germany
2. M/s. Ericsson, Sweden
3. M/s. Intelloom Ltd., UK
4. M/s. AT and T, USA
5. M/s. Fujitsu, Japan
6. M/s. NEC, Japan.

Electronic exchanges installed by local firms: 10

1. M/s. Modi Alcatel, Gurgaon
2. M/s. BEL, Kotdwar
3. M/s. NGLCO, Bombay
4. M/s. MELTRON, Aurangabad
5. M/s. J and T Mysore.
6. M/s. INDCHEM, Madras
7. M/s. PCL. Chandigarh
8. M/s. I.L., Kota
9. M/s. W.S. Telesystems, Bangalore
10. M/s. ECIL, Hyderabad.

The amount of orders placed with various firms are given Statement I and II

**Statement-I**

*NEW TECHNOLOGY DIGITAL LOCAL TELEPHONE EXCHANGE EQUIPMENT*

*Orders placed in terms of No. of Lines*

| Sl. No. | Name of the Firm | Year 1992-93 No. of lines | Year 1993-94 No. of lines | Year 1994-95 No. of lines |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| 1. | M/s. Fujitsu Ltd. . . . | 90,000 | 10,000 Validation exchange<br>1,20,000 (On Leasing) | Trg. Model Exchange 1,00,000 (For MTNL) |

| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|
| 2. | M/s. Seimens Ltd. . . . . | .. | 1,10,000 | 10,000 (Validation exchange) 1,50,000 (On leasing) Trg. Model Exchange 1,00,000 |
| 3. | M/s. Ericsson India (P) Ltd. . | .. | 1,00,000 1,00,000 (On leasing) | Trg. Model Exchange 1,00,000 |
| 4. | M/s. Alcatel Modi Network System. | .. | 1,00,000 (For MTNL) 1,00,000 (On leasing) | Trg. Model 1,00,000 (For MTNL) |
| 5. | M/s. A.T. & T. Ltd. . . . . | .. | .. | 40,000 10,000 (Validation Exchange) 1,00,000 (For MTNL) |
| 6. | M/s. ITI Ltd. . . . . | .. | 60,000 | 3,00,000 |
| | GRAND TOTAL : | 90,000 Lines | 7,00,000 Lines | Trg. Model Exch. 4 Nos. 10,00,000 Lines. |

**Statement-II**

| Sl. No. | Supplier | | 1992-93 No. of Lines | 1993-94 No. of lines | 1994-95 No. of lines |
|---|---|---|---|---|---|
| 1 | 2 | | 3 | 4 | 5 |
| 1. | ITI . . . . . | (i) | 364.5K | 383.5K | **296.2K** |
| | | (ii) | 18.0K | 289.4K | **126.5K** |
| 2. | Sinclair . . . . . | | 5.8K | 3.2K | **5.37K** |
| 3. | Semiconductor . . . . . | | 0.95K | 3.64K | 2.1 K |
| 4. | BHEL . . . . . | | 0.89K | 7.38K | 19.6 K |
| 5. | KTL . . . . . | | 0.89K | 6.45K | **19.6 K** |
| 6. | PCL . . . . . | | 8.51K | 20.28K | **27.6 K** |
| 7. | MTL . . . . . | | 1.3 K | 62.95K | **34.5 K** |
| 8. | UTL . . . . . | | 1.8 K | 43.2 K | **39.2 K** |
| 9. | Telematics . . . . . | | 0.89K | 1.96K | 19.6 K |
| 10. | CC . . . . . | | 0.89K | 17.60K | 19.6 K |
| 11. | GNVFC . . . . . | | 0.89K | 1.96K | 19.6 K |

| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|
| 12. | HARTRON | 0.89K | 1.96K | 19.6 K |
| 13. | L & T | 10.30K | 16.28K | 44.0 K |
| 14. | Nelco | 0.89K | 13.6K | 39.6 K |
| 15. | IL | 11.65K | 17.63K | 33.6 K |
| 16. | Indochem | 11.75K | 7.33K | 43.0 K |
| 17. | BEL | 11.20K | 14.5 K | 41.0 K |
| 18. | KELTRON | 1.34K | 19.95K | 19.6 K |
| 19. | Radiant | 0.89K | 1.96K | 25.0 K |
| 20. | WST | 6.27K | 1.98K | 31.0 K |
| 21. | NELTRON | 0.89K | 47.18K | 46.6 K |
| 22. | Priyaraj | .. | 9.8 K | 10.33K |
| 23. | Anco | .. | 9.98K | 2.12K |
| 24. | Unitel | .. | 0.96K | .. |
| 25. | Goa Telecom | . | 4.6 K | 2.12K |
| 26. | Arlem | . | 1.96K | 19.6 K |
| 27. | Andre Yule | .. | 1.96K | 19.6 K |
| 28. | Seimen | .. | 1.96K | 19.6K |
| 29. | CCEL | .. | 1.96K | .. |
| 30. | RCL | .. | 1.96K | .. |
| 31. | Escorts | .. | 1.96K | 19.6 K |
| 32. | CEL | .. | 1.96K | 19.6 K |
| 33. | Arvind Mills | .. | 1.96K | 109K |
| 34. | BEI | .. | .. | 2.3 K |

**Cellular phone facilities in Cities**

387. SHRI K. RAHMAN KHAN: Will the Minister of COMMUNICATIONS be pleased to state:

(a) how many cities in the country are going to have cellular phone facilities;

(b) whether the said facility is already available in any city;

(c) if not, from when this facility will be actually provided in the country and how long the people have to wait for this facility; and

(d) whether Bangalore is going to have cellular phone facilities?

THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS (SHRI SUKH RAM): (a) In the 1st Phase, licences have been awarded to 8 registered Indian companies for franchise of this service in Delhi, Bombay, Calcutta and Madras. In the 2nd Phase, tenders for franchise of this service to cover the rest of the country have already been invited.